

What is claimed is:

1. A thin, electromagnetic wave shielding laminate for displays with a mesh-shape electroconductive material having openings which is provided, at least on one side, with an optical film via an adhesive layer to form a monolithic structure, wherein

(a) said optical film having a near-infrared reducing function is arranged on the display side from said mesh-shape electroconductive material, and

(b) said openings of said mesh-shape electroconductive material or said openings and surface layer section are filled or coated with a transparent resin composition satisfying the optical requirement described as:

$$T_u/T_t = 0.001 \text{ to } 0.2$$

wherein, T_t is total light transmittance, and T_u is an average transmittance in a wavelength range of 350 to 380nm.

2. The thin, electromagnetic wave shielding laminate according to Claim 1 for displays, wherein said transparent resin composition is composed of a hot-melt adhesive and ultraviolet absorber.

3. The thin, electromagnetic wave shielding laminate according to Claim 2 for displays, wherein said hot-melt adhesive is composed of an ethylene/vinyl acetate copolymer-based resin or ethylene/acrylic acid ester copolymer-based resin.

4. The thin, electromagnetic wave shielding laminate according to Claim 2 for displays, wherein said ultraviolet absorber is at least one type selected from the group consisting of a benzotriazoles- and benzophenones-, and incorporated at 1 to 10% by weight based on the whole transparent resin composition.

5. The thin, electromagnetic wave shielding laminate for displays according to one of Claims 1 to 4, wherein said optical film has at least one type of function selected from the group consisting of electromagnetic wave shielding, anti-reflection and anti-dazzling function, in addition to the near-infrared reducing function.

6. The thin, electromagnetic wave shielding laminate for displays according to one of Claims 1 to 4, wherein said near-infrared reducing function is provided by a near-infrared absorbing colorant or this colorant and a colorant having a color-adjusting relation thereto, incorporated in the transparent base polymer.

7. The thin, electromagnetic wave shielding laminate for displays according to one of Claims 1 to 4, wherein said laminate is 0.05 to 2mm thick.

8. A process for producing the thin, electromagnetic wave shielding laminate, wherein said mesh-shape electroconductive material is thermocompression-bonded to said adjacent optical film via at least one adhesive layer selected from the group consisting of a hot-melt adhesive film of transparent resin composition satisfying the optical requirement described below, and adhesive layer of the hot-melt adhesive film and a tackifier layer to form a monolithic structure wherein:

$$T_u/T_t = 0.001 \text{ to } 0.2$$

wherein, T_t is total light transmittance, and T_u is an average transmittance in a wavelength range of 350 to 380nm.

9. The process according to Claim 8 for producing said thin, electromagnetic wave shielding laminate for displays, wherein said thermocompression bonding is carried out at 80 to 120°C.